

From: [Maria Martinez](#)
To: [Nancy Jones](#)
Cc: [Mr. Mark Hansen](#); [R6_DWH_Info@epamail.epa.gov](#); [Chris Petersen](#); [Jon Rauscher](#); [Ruben Casso](#); [Jim Afghani](#); [EOC OAR@EPA](#)
Subject: Response to BP's Request to Discontinue PM2.5 Monitoring
Date: 06/06/2010 05:36 PM

Nancy,

I have consulted with the Air Committee and here is a summary of our review of the sampling/monitoring data posted on the BP website and our recommendations on the request from BP to discontinue PM2.5 monitoring:

- BP's report provides a summary of average and maximum concentrations for VOC;s, H2S, SO2, Benzene, and PM2.5.
 - All levels appear consistent compared to our available data for similar coastal areas.
 - PM2.5 is identified as having high values likely due to moisture interference (max value is 0.09 mg/m3).
 - While we agree moisture interference is an issue, we believe its appropriate to continue measuring for PM2.5, until there is certainty that no more burning of any kind will take place.
 - We recommend using a heated inlet or other PM2.5 measurement device that can better minimize the moisture interference.
 - Since the data appear to be part of a mobile monitoring platform, highly time resolved data will be necessary.
- BP's report also provides maps with locations of monitoring from Port Arthur, TX to Apalachee Bay, FL.
 - Odor detection map identifies "crude oil odor" in isolated area of Louisiana coast, but no information on levels or measurement details.
 - Recommend having a higher resolution map of locations where odors were detected.
 - Recommend providing specifics of decision matrix for when an odor is determined.

Please let me know if there are any questions.

Maria
Cell: 214-437-9803

From: Nancy Jones/R6/USEPA/US
To: "Maria Martinez" <Martinez.Maria@epamail.epa.gov>, "Mr. Mark Hansen" <Hansen.Mark@epamail.epa.gov>
Cc: "R6_DWH_Info@epamail.epa.gov" <R6_DWH_Info@epamail.epa.gov>
Date: 06/03/2010 02:28 PM
Subject: Fw: PM2.5

Sent by EPA Wireless E-Mail Services

----- Original Message -----
From: Glenn Millner [gmillner@cteh.com]
Sent: 06/03/2010 02:01 PM EST

To: "Byrum, Alex" <Alex.Byrum@WestonSolutions.com>; Nancy Jones
Cc: Alan Nye <anye@cteh.com>
Subject: PM2.5

At a suggestion of one of our staff, Dr. Nye of CTEH has been online looking at PM measurements. PM2.5 and PM10 data are available. See link below.

<http://gulfoast.airnowtech.org/>

Based on what we have been able to find, PM data is available (2.5 and 10) for many locations from fixed monitoring stations throughout the Gulf. Consequently, we can see no real reason to be using the AM510s for ongoing surveillance given the effects of humidity and the availability of fixed station monitoring throughout the Gulf. We suggest that EPA agree for CTEH to discontinue regular PM monitoring unless there is a reason to respond (such as visible smoke coming inland). The above website gives real time PM2.5 for locations throughout the Gulf, although many of the stations are well inland.

There are also PM10 data by station and day (see below link for a Venice, LA) location that are along the coast. The links are provided by the EPA on the BP spill web page.

mhtml:http://www.epa.gov/bpspill/reports/mht/v02_pm.mht

For the above reasons, we believe we (CTEH and EPA) are adequately covered on PM monitoring by fixed stations (more reliable results which I don't think are affected by humidity).

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LOCAL AIR QUALITY CONDITIONS AND FORECASTS

Zip Code: State:

[National Air Quality Summary \(text\)](#)

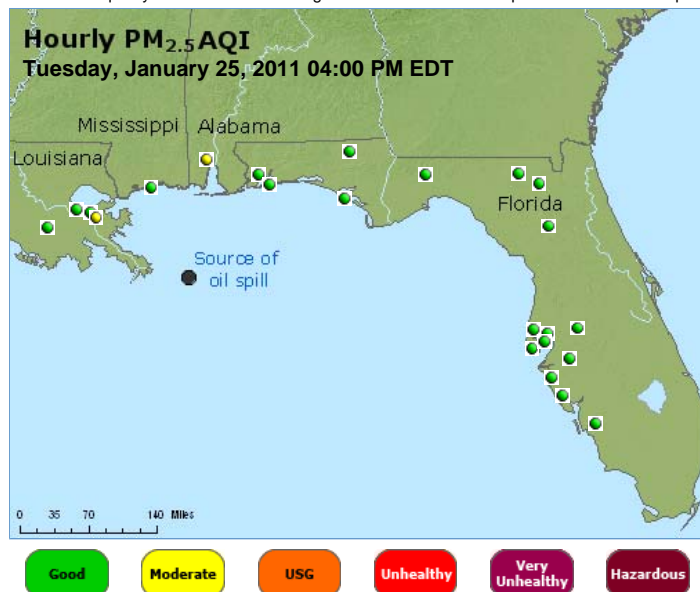
[Current Air Quality](#) | [H₂S Monitoring](#)

Current Air Quality along the Gulf Coast

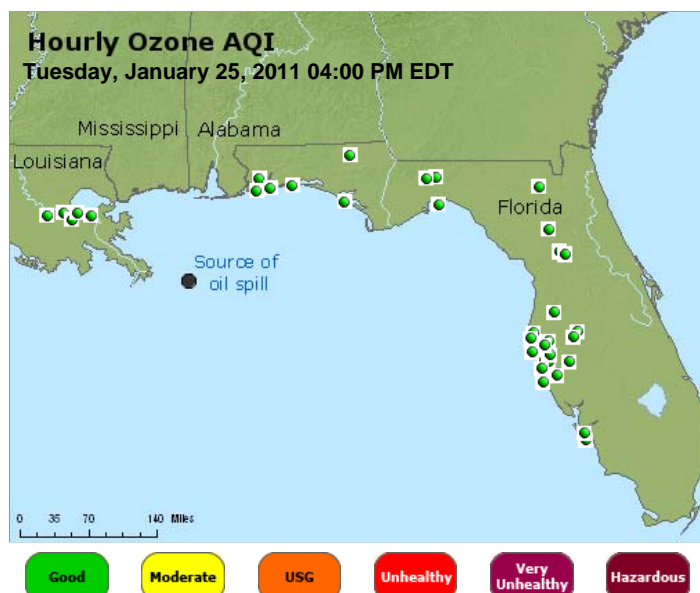
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Because of the BP oil spill in the Gulf of Mexico, the EPA is monitoring air quality in the region. The maps and charts below show current ozone and fine particulate Air Quality Index values at air quality monitors located along the Gulf coast. These maps and charts will be updated hourly to show the most recent conditions.



Site	PM _{2.5} AQI
Alabama	
CHICK.	68
Florida	
Azalea	21
Bee Ridge	19
Bonifay	38
Ellyson Industrial Park	43
Fl. Baptist Children's Home	19
Jackson Road	25
John A. Chesnut Sr. Park	24
Lake City	23
PCEIA3	24
Payne's Prarie	29
SYDNEY	25
St. Andrews Park	28
Tallahassee Community College	28
White Springs	22
Winkler Pump Station	19
Woodlawn	44
gandy	29
Louisiana	
Chalmette Vista	60
City Park	28
Kenner	22
Thibodaux	27
Mississippi	
GPORT YC	44



Site	Ozone AQI
Florida	
5511 39TH STREET EAST	21
Azalea	23
Bay Oaks Park	22
Bonifay	17
Cape Coral Fire Station	24
County Sheriff Impound	18
DAVIS ISLAND	20
Ellyson Industrial Park	22
Fl. Baptist Children's Home	23
Ft. Walton Beach	19
G. T. Bray Park	22
Greenways Trail	15
John A. Chesnut Sr. Park	23
Lake City	10
Lido Park; McKinley Dr.	25
Osceola National Forest	5
Paw Park	23
Payne's Prarie	12
Pensacola NAS	24
Port Manatee	20
SIMMONS PARK	22
SYDNEY	24
San Antonio	25
Sikes Elementary School	23
St. Andrews Park	22
St. Marks Wildlife Refuge	22
St. Petersburg College	23
Tallahassee Community College	15
Woodlawn	22
YMCA - Marion County	25
gandy	22

Louisiana	
City Park	22
Convent	14
Garyville	23
Hahnville	23
Kenner	26

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TARGET SHEET

SITE NAME: DEEPWATER HORIZON INCIDENT

CERCLIS I.D.: DWHLAXN10036

TITLE OF DOC.: http://www.epa.gov/bpspill/reports/mht/v02_pm.mht

DATE OF DOC.: 06/06/2010

NO. OF PGS. THIS TARGET SHEET REPLACES: 1

SDMS #: 6062233 **KEYWORD:**

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ALTERN. MEDIA ? ☒ **CROSS REFERENCE ?** ☐

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VIEWED